

JUN 17 2002

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Assistant Commissioner for Patents  
Washington, DC 20231 on 6/6/02

Carol B. Johnson

Attorney for Applicant

Date 6/6/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
MARC R. ANDERSON, et al.

Serial No. 10/086,025

Filed: February 28, 2002

)  
) **METHOD AND INSTRUMENT FOR**  
) **AUTOMATED ANALYSIS OF FLUID-BASED**  
) **PROCESSING SYSTEMS**  
)  
)  
) Attorney Docket No. 286697-00005  
)  
)

**PRELIMINARY AMENDMENT**

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219-2788  
June 6, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as follows:

**In the Drawings:**

In Figure 7, add number "704" and associated lead line.

**In the Specification:**

Please replace the paragraph beginning on page 4, line 17 with the following:

The present inventors have chosen an enhancement of a known technique for achieving calibration-free mass spectrometry measurements. The known technique is Isotope Dilution Mass Spectrometry, hereinafter IDMS. In IDMS, one takes advantage of well-known, naturally-occurring isotope ratios in essentially all elements. For example, it is well-known that the average atomic mass of copper (Cu) in the natural state is 63.546, consisting of isotopes 62.9396 at 69.2% and 64.9276 at 30.8%. Very generally speaking, 01/13/2005 CQUEEN 00000012 022556 10086025 01 FC:2202 27.00 DA

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

1,219.00

## Complete if Known

Application Number	
Filing Date	February 28, 2002
First Named Inventor	Marc R. Anderson
Examiner Name	
Group Art Unit	
Attorney Docket No.	286697-00005

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2556**

Deposit Account Name **Eckert Seamans Cherin & Mellott**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	<b>370.00</b>
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	
		<b>SUBTOTAL (1) (\$)</b>	<b>370.00</b>

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
105	-20**	= 85 x 9.00	<b>765.00</b>
5	- 3**	= 2 x 42	<b>84.00</b>

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
		<b>SUBTOTAL (2) (\$)</b>
		<b>849.00</b>

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	130	123 130 Petitions related to provisional applications	
128	180	128 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**0.00**

## SUBMITTED BY

Name (Print/Type)	Arnold B. Silverman	Registration No. (Attorney/Agent)	22,614	Telephone	412-566-2077
Signature	<i>Arnold B. Silverman</i>		Date	2/28/02	

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